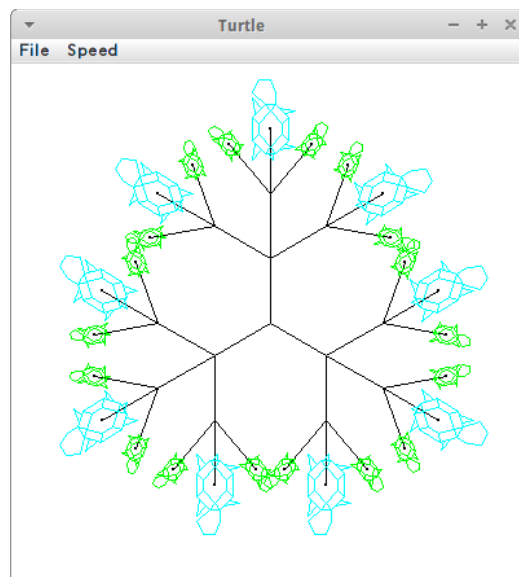


発展問題 3-1

e1371

奥村 嶺

実行結果



ソースコード

```
import java.awt.Color;
public class H31{
    public static int a;
    public static int d;
    public static TurtleFrame f;
    public static void main(String[] args){
        H31.d = 50;
        H31.a = 120;
        H31.f = new TurtleFrame();
        Turtle m = new Turtle();
        f.add(m);
        for(Turtle t: bunki(m, 1)){
            for(Turtle t1: bunki(t, 2)){
                bunki(t1, 3);
            }
        }
    }

    public static Turtle[] bunki(Turtle m0, int x){
        Turtle m1 = m0.clone();
        f.add(m1);
        m1.lt(a/x);
        m1.fd(d);
        Turtle mr = m0.clone();
        f.add(mr);
        mr.rt(a/x);
        mr.fd(d);
        if(x == 3){
            m0.tcolor = new Color(0,255,255);
            m0.tscale *= 2;
        }
        m0.fd(d);
        Turtle ta[] = new Turtle[3];
        ta[0] = m1;
        ta[1] = m0;
        ta[2] = mr;
        return ta;
    }
}
```